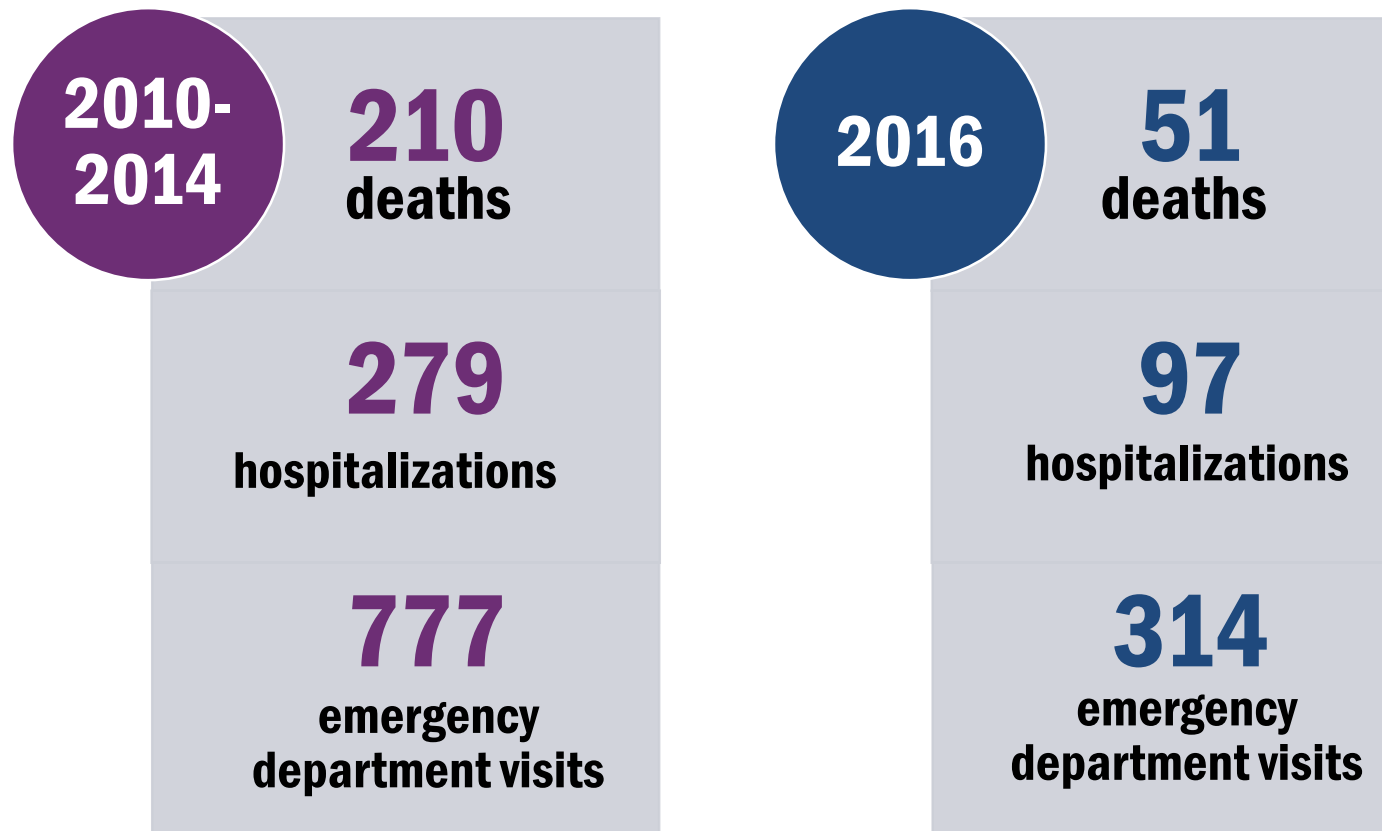


Firearm Injuries among Children and Youth

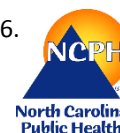
**Division of Public Health
Injury and Violence Prevention Branch**

**Child Fatality Task Force
March 7, 2018**

Firearm injuries and deaths among NC children and youth (ages 0-17 years)



Source: N.C. State Center for Health Statistics (SCHS), Vital Statistics-Hospitalizations, 2010-2014, 2016; NC DETECT, 2010-2014, 2016; NC Office of the Chief Medical Examiner, 2010-2014; NC SCHS, Vital Statistics-Deaths, 2016.
Note: In October 2015, there was a change in the coding system used in the hospital and ED data sets; because of this change 2015 data are unavailable
Analysis by Injury Epidemiology and Surveillance Unit



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Safe Storage of Firearms Nationally

- Approximately one in three handguns is kept loaded and unlocked



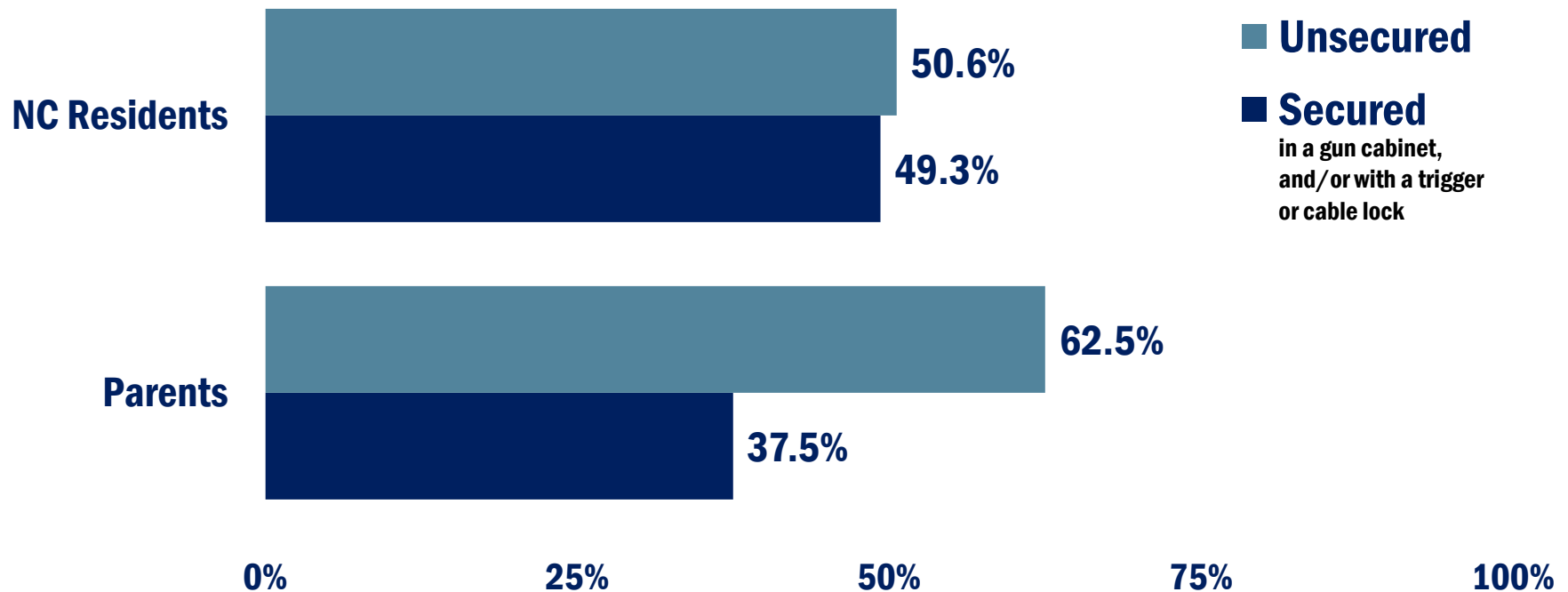
- Most children know where guns are kept by their parents
- More than...

75% of guns used by youth in suicide attempts were kept in the home of the victim, a relative, or a friend

*Source: Gun Violence: Facts and Statistics, from the Center for Injury Research and Prevention, Children's Hospital of Philadelphia Research Institute.

Safe Storage of Firearms in NC

- 41.6% of North Carolina residents own firearms
- 36.9% keep firearms loaded

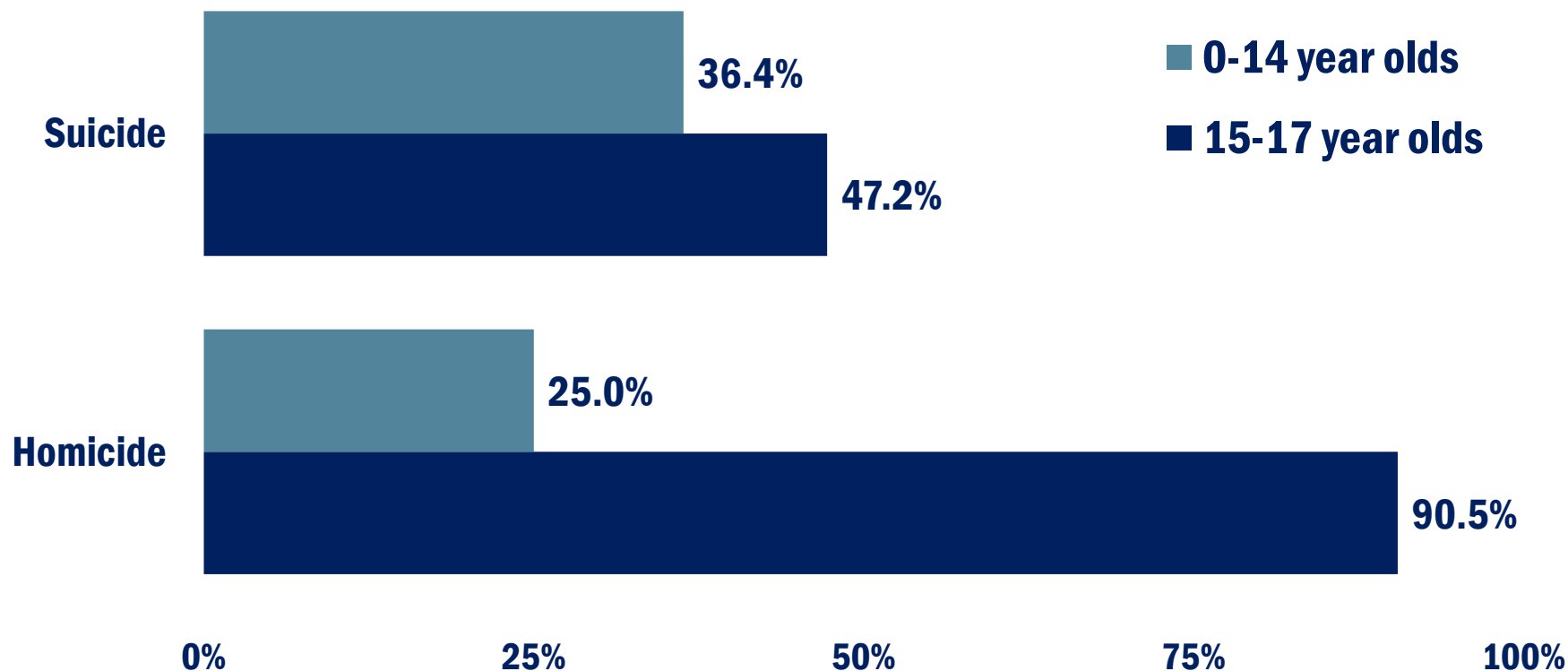


Source: NC Behavioral Risk Factor Surveillance System (NC BRFSS), 2011;
NC Child Health Assessment and Monitoring Program (NC CHAMP), 2011
Analysis by Injury Epidemiology and Surveillance Unit



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Proportion of NC child and youth homicides and suicides involving firearms, 2012-2016



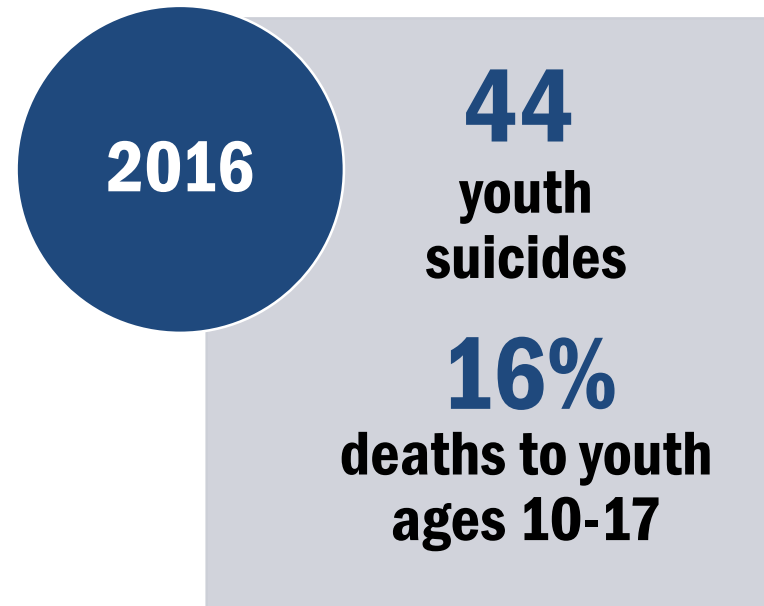
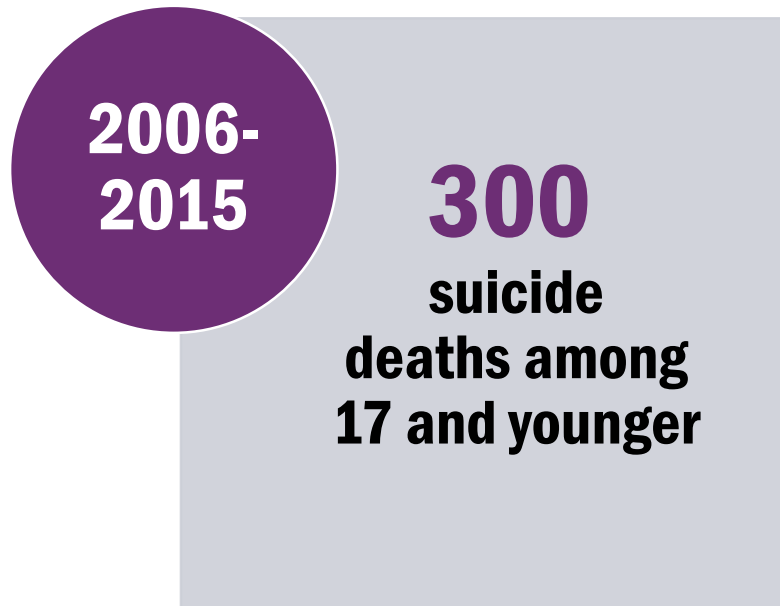
Source: N.C. State Center for Health Statistics (SCHS), Vital Statistics-Deaths, 2012-2016
Analysis by Injury Epidemiology and Surveillance Unit



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Youth Suicide Deaths

- Suicide is the **2nd leading cause of death** for youth ages 10-17 Nationally and in North Carolina
- In North Carolina:



Source: N.C. State Center for Health Statistics (SCHS), Vital Statistics-Deaths, 2006-2016; CDC WISQARS, 2015
Analysis by Injury Epidemiology and Surveillance Unit

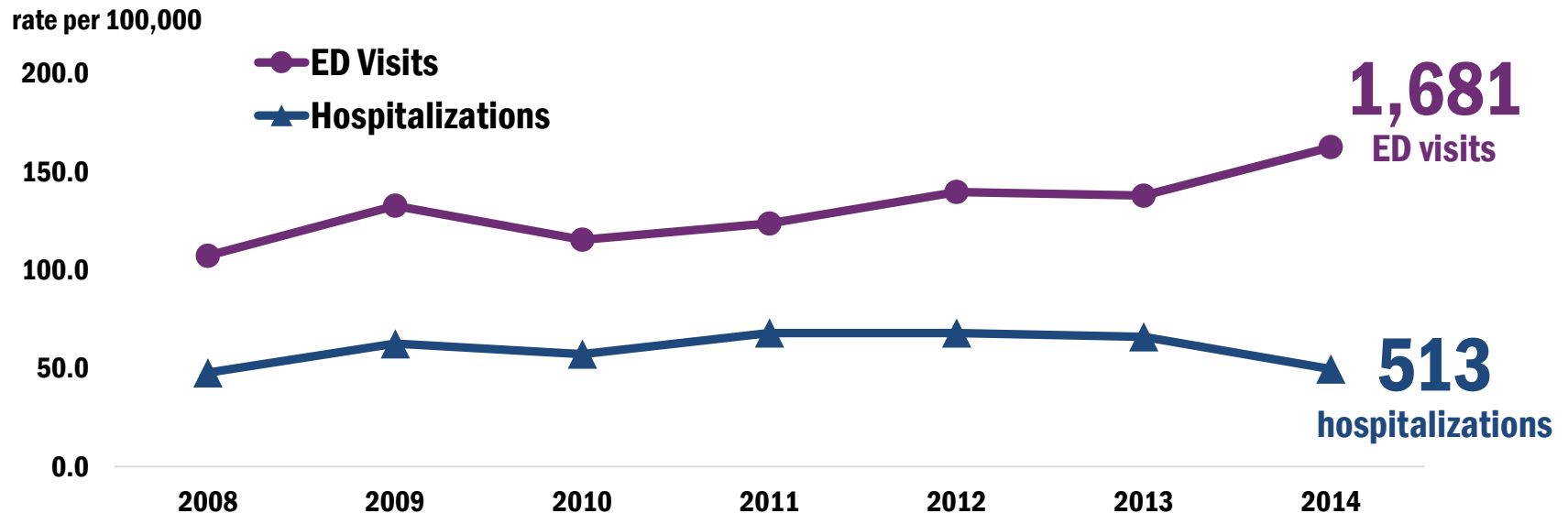


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Youth Suicide Attempts

- **9.3%** of NC high school students surveyed in 2015 reported attempting suicide
 - Almost **2x** rate in 2011 & 2013

Self-inflicted injury among youth ages 10-17



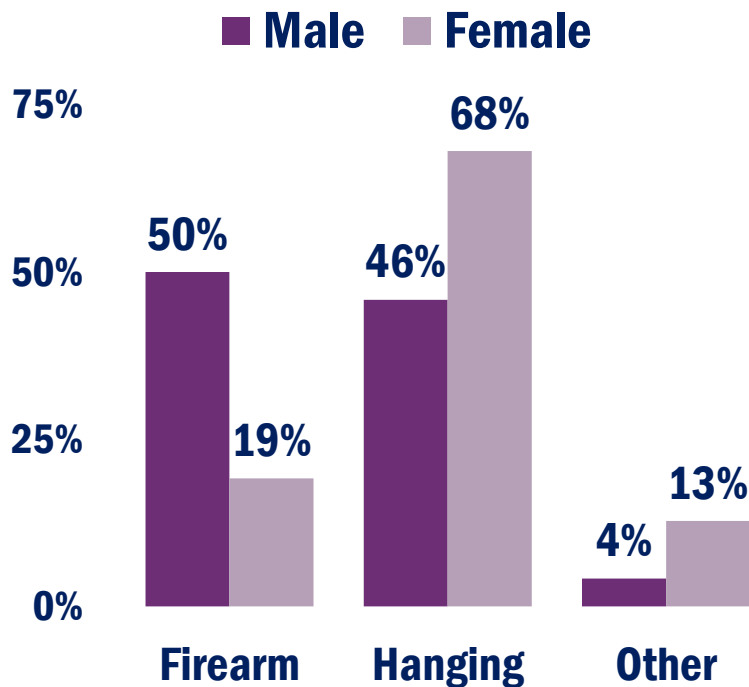
Source: NC Youth Risk Behavior Surveillance System (NC YRBS), 2011, 2013, 2015; N.C. State Center for Health Statistics (SCHS), Vital Statistics-Hospitalizations, 2008-2014; NC DETECT, 2008-2014
Analysis by Injury Epidemiology and Surveillance Unit



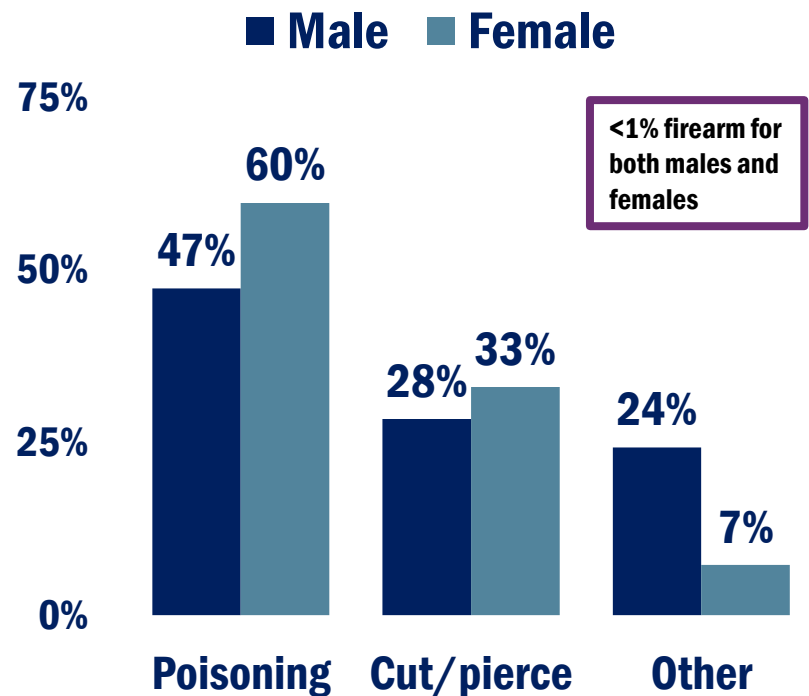
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Youth Suicide Means and Demographics

Method of youth suicide, ages 10-17, 2010-2014



Method of self-inflicted injury ED Visits, ages 10-17, 2010-2014



Source: NC Violent Death Reporting System, 2010-2014; NC DETECT, 2010-2014
Analysis by Injury Epidemiology and Surveillance Unit

Questions?

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